

Work Order ID 99152***99152***

Page 1

March-28-13 12:55:12 PM

Item ID: D3849-041

Accept

N900040100

Setup

Start ***NS1***

Revision ID:

Stop

NS2

Item Name: Fwd Wearplate Assembly, STD Gear

Start Date: 3/22/13 Start Qty: 4.00 ***4***

Cust Item ID:

Required Date: 3/27/13 Req'd Qty: 4.00 ***4***

Customer:

Reference:

Approvals: Process Plan: MCSDate: 13-04-02 Tooling:

Run

Start ***NR1***

QC: _____

Date: _____ SPC (Y/N): _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

D3849	D
-------	---

110

0.00

110

Large Fab

Memo 0.00

1- On D3901-1 bar, fill cut outs with hardcoat welding rod as per dwg D3849

2059 B Hardcoat Welding Rod

BATCH# 11/260273 → 20596

2- Weld D3901-1 bar to wearplate as per dwg D3849

304 S.S. Welding Rod

BATCH# 11/260248

3- Transfer drill holes as per dwg

4- Cut excess bar material if necessary

120

QC9- Inspect visual per QSI004- Fusion Welds 0.00

120

QC

Quality Control

Memo 0.00

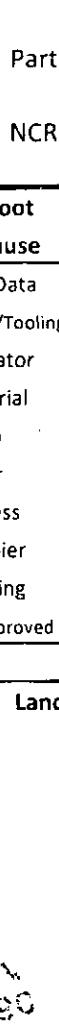
4 308 13-08-13DAS
09
894 13-08-13

NCR: Yes / No

DQA: Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
	Landing Gear			General							
	Bending	Bend		Grain		Ovalized		Pressure/Forced			
	Centre Not Concentric to O/S	BOM/Route		Hardware		Over/Under tolerance		Temperature/Cure			
	Cracks	Broken/Damaged		Inspection Incomplete		Part Incorrect		Weld			
	Crushed/Crimped	Burrs		Instructions Incomplete/Unclear		Part Lost/Missing		Wrong Stock Pulled			
	Cuffs	Contamination		Maintenance		Part Moved					
	Heat Treat	Countersink		Mislabeled		Positioned Wrong					
	Inspection Strip in Tube	Cut Too Short		Misread		Power Loss/Surge					
	Ripples in Bend	Drill Holes		Offset							
	Torque Waves in Extrusion	Drawing		Out of Calibration							
	Turning Sequence	Finish		Out of Sequence							
	Wave/Twist in Tube	Folio		Outside Dimensions							

Work Order ID 99152

March-28-13 12:55:12 PM

99152

Page 2

Item ID: D3849-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Fwd Wearplate Assembly, STD Gear

Stop

NS2Start Date: 3/22/13 Start Qty: 4.00 ***4***Required Date: 3/27/13 Req'd Qty: 4.00 ***4***

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

130

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

④ 13-08-13

DAS
09
89

140

140

Small Fab

Small Fab

Memo

0.00

4 0 0 0 13-8-13

1- Apply a layer of rockguard as per dwg

BATCH: 126136

150

150

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

DAS
27
B 8.14

4

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

Work Order ID 99152

March-28-13 12:55:12 PM

Item ID: D3849-041

Revision ID:

Item Name: Fwd Wearplate Assembly, STD Gear

Start Date: 3/22/13 Start Qty: 4.00 *4*

Required Date: 3/27/13 Req'd Qty: 4.00 *4*

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____
QC: _____ Date: _____ SPC (Y/N): _____Sequence ID/
Work Center ID
160
160
Packaging
Identify as per dwg & Stock Location: FP-002
0.00Operation
Description
Memo
Packaging170
170
QC
Quality Control
QC21- Final Inspection - Work Order Release
0.00
Memos
0.00***99152***

Accept

N900040100

Setup

Start *NS1*

Stop

NS2

Cust Item ID:

Customer:

Run

Start *NR1*

Stop

NR2

Tool ID Tool # Plan
Code Accept Reject
Qty Qty Number Insp.
Stamp

44-4 11/13 68/14

MLT 13-08-14

PC 13-8-14

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____	DISPOSITION				AGAINST DEPARTMENT/PROCESS				
Part No. _____	Rework	Scrap	Skid-tube	Crosstube	Water Jet	Engineering			
NCR No. _____	Use-as-is	Work Order Update	Machining	Small Fab	Prod. Eng. Coor.	Quality			
			Thermoforming	Finishing	Rec/Store/Packaging	Other			
			Large Fab	Composite	Supplier				

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear		General									
<input type="checkbox"/>	Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Ovalized	<input type="checkbox"/>	Pressure/Forced		
<input type="checkbox"/>	Centre Not Concentric to O/S	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Temperature/Cure		
<input type="checkbox"/>	Cracks	<input type="checkbox"/>	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Weld		
<input type="checkbox"/>	Crushed/Crimped	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Wrong Stock Pulled		
<input type="checkbox"/>	Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>			
<input type="checkbox"/>	Heat Treat	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>			
<input type="checkbox"/>	Inspection Strip in Tube	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>	Other		
<input type="checkbox"/>	Ripples in Bend	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Offset						
<input type="checkbox"/>	Torque Waves in Extrusion	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Out of Calibration						
<input type="checkbox"/>	Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Sequence						
<input type="checkbox"/>	Wave/Twist in Tube	<input type="checkbox"/>	Folio	<input type="checkbox"/>	Outside Dimensions						

Picklist Print

March-28-13 12:55:11 PM

Page 1

Work Order ID: 99152

Parent Item: D3849-041

Parent Item Name: Fwd Wearplate Assembly, STD Gear

Start Date: 3/22/13

Required Date: 3/27/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP RevA: New issue DD verified by:EC
DWG REV.D DD VERF:JLM

IPP Rev:B 12.09.11 AS PER

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3849-177 Plate		Manufactured	No			110	Each	4.0000					

B103096 x 4

Location	Loc Qty	Loc Code
WA001	4	
93049	2	
96526	2	

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3901-173 Bar		Manufactured	No			110	Each	11.0000					

B102432 x 4

Location	Loc Qty	Loc Code
WA001	11	
91349	2	
93248	1	
97112	8	

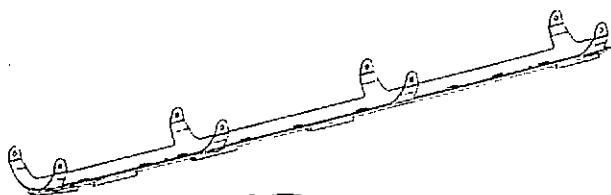
NCR: Yes / No

DQA: _____ Date: _____

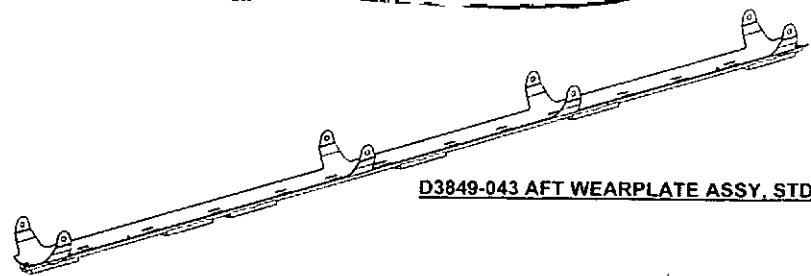
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

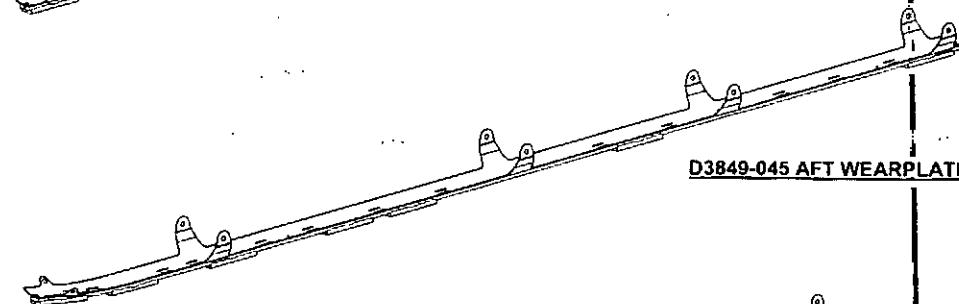
Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	General										
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>								
	Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>								
	Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>								
	Crushed/Crimped <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>								
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>								
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>								
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>								
	Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>								
	Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>								
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>								
	Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>								



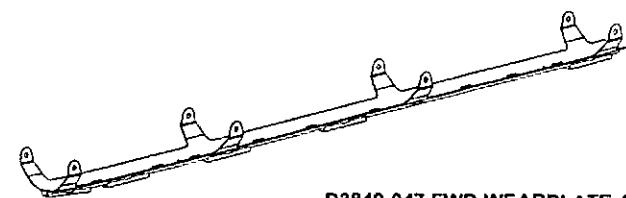
D3849-041 FWD WEARPLATE ASSY, STD GEAR



D3849-043 AFT WEARPLATE ASSY, STD GEAR



D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR



D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR

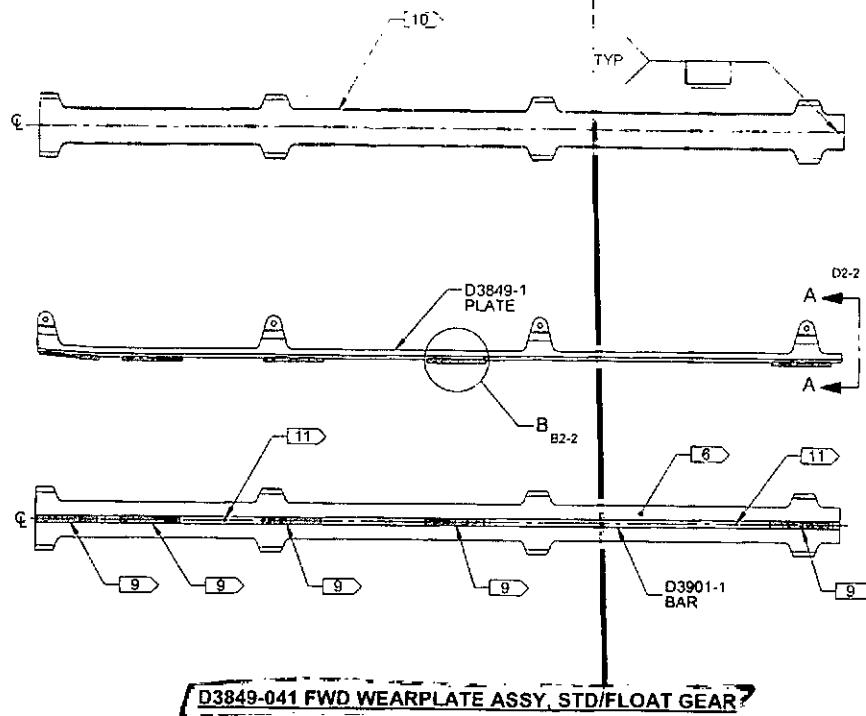
ITEM	QTY -041	QTY -043	QTY -045	QTY -047	P/N	DESCRIPTION
1	X				D3849-041	FWD WEARPLATE ASSY, STD GEAR
2		X			D3849-043	AFT WEARPLATE ASSY, STD GEAR
3			X		D3849-045	AFT WEARPLATE ASSY, FLOAT GEAR
4				X	D3849-047	FWD WEARPLATE ASSY, FLOAT GEAR
11	1				D3849-1	PLATE
12		1			D3849-3	PLATE
13			1		D3849-5	PLATE
14				1	D3849-7	PLATE
15	1			1	D3901-1	BAR
16		2			D3901-3	BAR
17			2		D3901-5	BAR
21	A/R	A/R	A/R	A/R	2059B	HARDCOAT
22	A/R	A/R	A/R	A/R	4714	PLUS ONE ROCKGUARD

99152 MJS

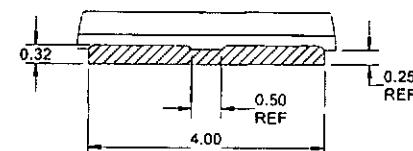
RELEASE
2012-09-04
MJS

13-04-02

D	REVISED FLAT PATTERN - CHANGED SLOT LOCATIONS TO MATCH D3901-1/3/5 BARS (ZN B6-6, B3-6, B6-7, C2-7, B6-8, B2-8, B7-9, B2-9)	DC	12.08.23
C	REVISED FLAT PATTERN - CHANGE SLOT LOCATIONS. ADDED DOUBLE SLOTS AND D3901-3/5 BARS ON -043-045. UPDATED DETAIL VIEWS. CHANGED WELD DETAILS (ZN B2-2). REMOVED D3848-1/3-5/-7 GASKETS. ADD ROCKGUARD COATING. REMOVE FINISH.	DC	12.08.21
B	REVISED FLAT PATTERN Ø0.375 WAS SLOT HOLE ON D3849-1F-3F-5F (ZN A4-5, B4-7, B4-8, C2-10, B2-10). ADD D3849-047 (ZN D4-1, A4-1 & B4-5) & D3849-71-7E (ZN C4-9, A4-9). ADD SECTION K-K (ZN C5-10). Ø0.88 WAS 0.875 & 0.87 WAS 0.86 (ZN A4-10). ADD Ø 0.25 & 0.88 (ZN D4-10, D3-10). ADD Ø 0.88 & 0.86 (ZN C3-10 & B3-10). ADD FLAG NOTE (ZN A8-2, C6-2, C3-2, A8-3, C6-3, C3-3, A8-4, C6-4, C2-4). Ø0.87 WAS 0.8736 (ZN B4-7)	RF	09.06.30
A	NEW ISSUE	RF	09.03.30
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	PC	KENT, WA	
CHECKED	AS	DRAWING NO.	REV. D
MFG. APPR.	DS	D3849	SHEET 1 OF 10
APPROVED	AS	TITLE	SCALE
DE APPR.	AS	WEARPLATE ASSY	NTS
DATE:	12.08.23	© COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED UNDER THE CONDITION THAT IT IS NOT TO BE COPIED OR DISCLOSED EXCEPT TO THOSE INDIVIDUALS NAMED OR REFERENCED HEREIN. APPROVAL FOR RELEASE IS THE RESPONSIBILITY OF DART AEROSPACE USA, INC.	



D3849-041 FWD WEARPLATE ASSY, STD/FLOAT GEAR

SECTION A-A
C3-2DETAIL B
C5-2RELEASED
2012-09-04
MP

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-041 = 4.58 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 11) TRANSFER DRILL Ø.188 HOLES FROM D3849-1 PLATE TO D3901-1 BAR

DESIGN	RF	DART AEROSPACE USA, INC.
DRAWN	PC	KENT, WA
CHECKED	AB	DRAWING NO.
MFG. APPR.	NA	D3849
APPROVED	MP	REV. D
DE APPR.	NA	SHEET 2 OF 10
DATE	12.08.23	TITLE
		WEARPLATE ASSY
		SCALE
		NTS

© COPYRIGHT 2009 BY DART AEROSPACE USA, INC.
THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSES OTHER THAN THE DESIGN, MANUFACTURE, AND OPERATION OF AIRCRAFT WITHOUT
THE PRIOR WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

8

5

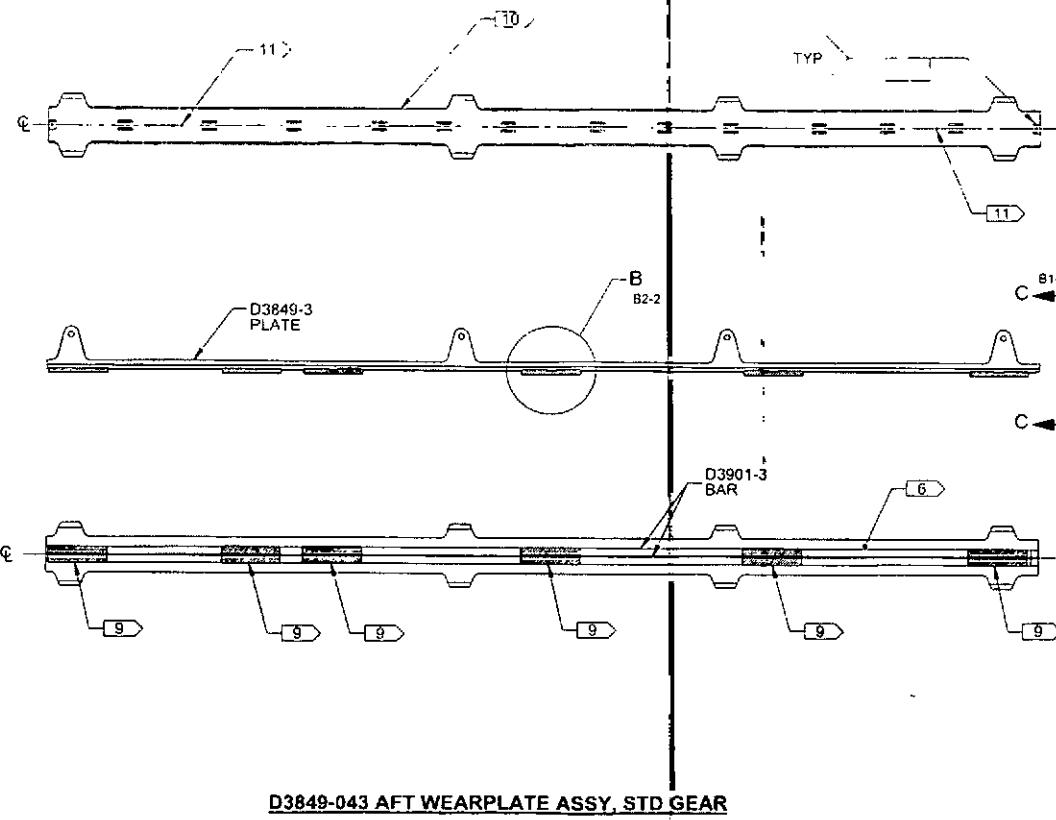
4

3

2

D

D



D3849-043 AFT WEARPLATE ASSY, STD GEAR

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-043 = 7.66 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3901-3 BARS ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 11) TRANSFER DRILL Ø 0.188 HOLES FROM D3849-3 PLATE TO D3901-3 BARS

8

7

6

5

4

3

2

A

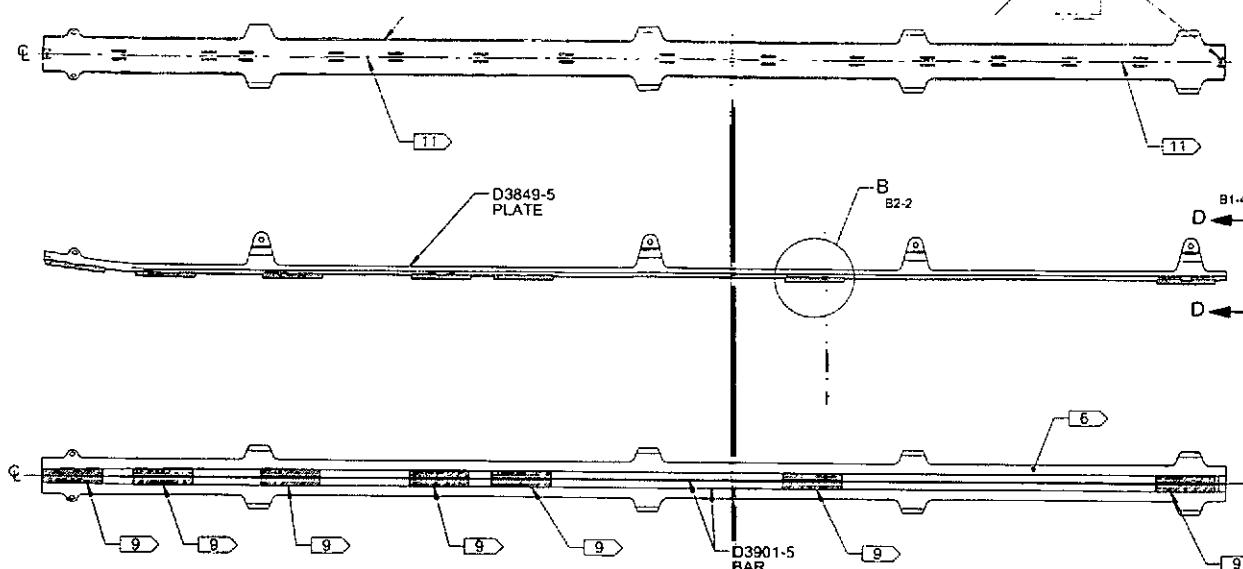
RELEASED
2012-09-04
JW

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	DC	KENT, WA	
CHECKED	EP	DRAWING NO.	
MFG. APPR.	JK	REV. D	
APPROVED	JK	D3849	
DE APPR.	#	SHEET 3 OF 10	
DATE	12.08.23	TITLE	
		WEARPLATE ASSY	
		NTS	

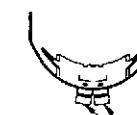
© COPYRIGHT 2009 BY DART AEROSPACE USA, INC.
THIS DOCUMENT IS PROPRIETARY AND IS PROVIDED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

99152

99152



D3849-045 AFT WEARPLATE ASSY. FLOAT GEAR

RELEASED
2012-09-04
AMD3901-5
BAR, REFSECTION D-D

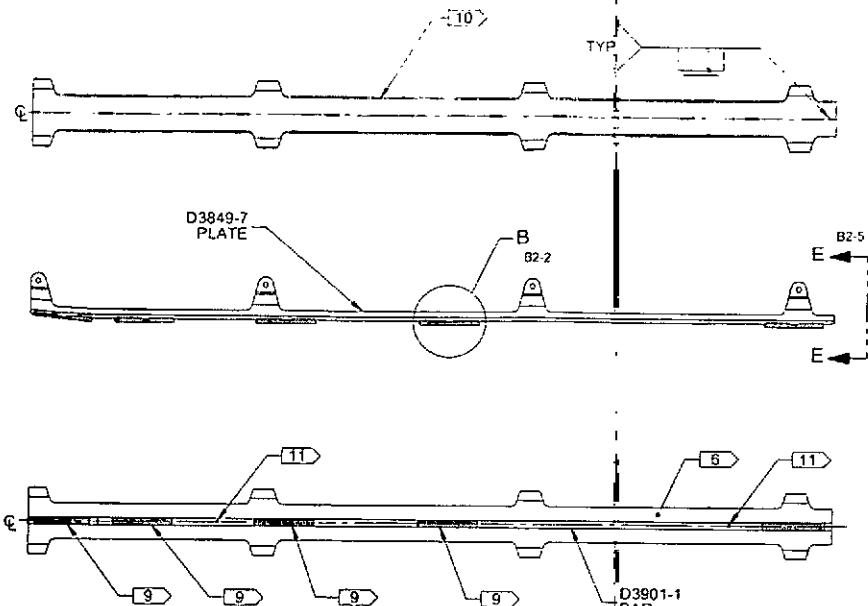
C2-4

NOTES:

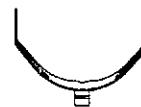
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-045 = 8.93 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3849-5 BARS ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 11) TRANSFER DRILL Ø.188 HOLES FROM D3849-5 PLATE TO D3901-5 BARS

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	PC	KENT, WA	
CHECKED	PC	REV. D	REVISION
MFG. APPR.	NA	D3849	SHEET 4 OF 10
APPROVED	NA	TITLE	SCALE
DE APPR.	NA	WEARPLATE ASSY	NTS
DATE	12.08.23	COPYRIGHT © 2001 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY OTHER PURPOSE THAN THAT FOR WHICH IT WAS PROVIDED BY DART AEROSPACE USA, INC.	

99152



D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR



SECTION E-E

C3-5

RELEASED
2012-09-04
MM

NOTES:

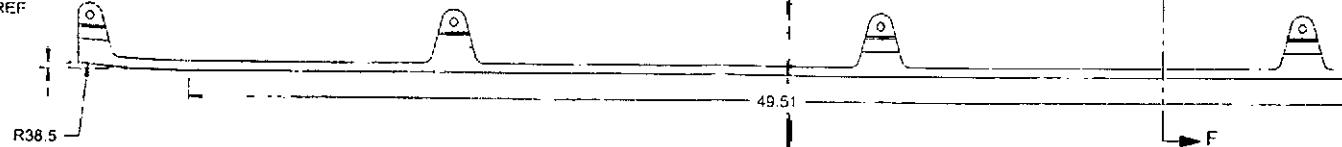
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-047 = 4.60 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 11) TRANSFER DRILL Ø0.188 HOLES FROM D3849-7 PLATE TO D3901-1 BAR

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	PC	KENT, WA	
CHECKED	AB	DRAWING NO.	REV. D
MFG. APPR.	DS	D3849	SHEET 5 OF 10
APPROVED	MP	TITLE	SCALE
DE APPR.	MM	WEARPLATE ASSY	NTS
DATE	12.08.23	© COPYRIGHT 2008 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS RELEASSED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THE SPECIFIED PURPOSE FOR WHICH IT WAS PROVIDED. WRITTEN PER DART AEROSPACE USA, INC.	

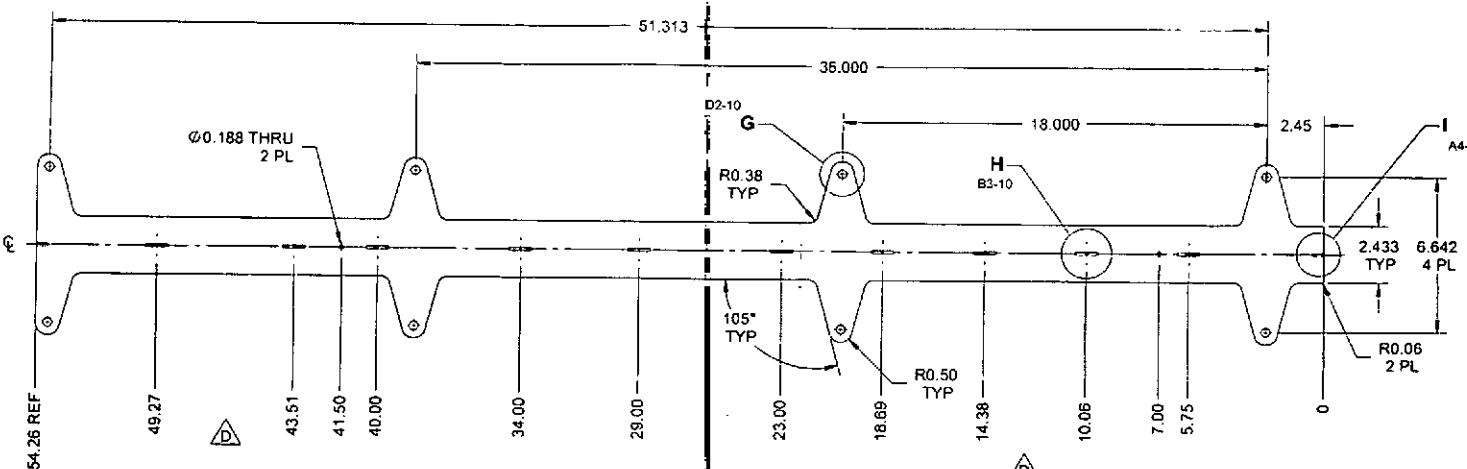


99152

0.3 REF

D3849-1 PLATE
(MAKE FROM D3849-1F)0.050
REF

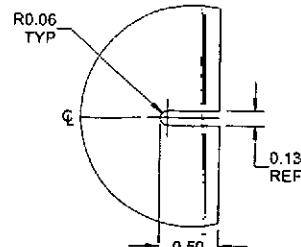
7.72



D3849-1F FLAT PATTERN

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524
OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX.
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 2.30 lbs



DETAIL

C2-6
B2-9

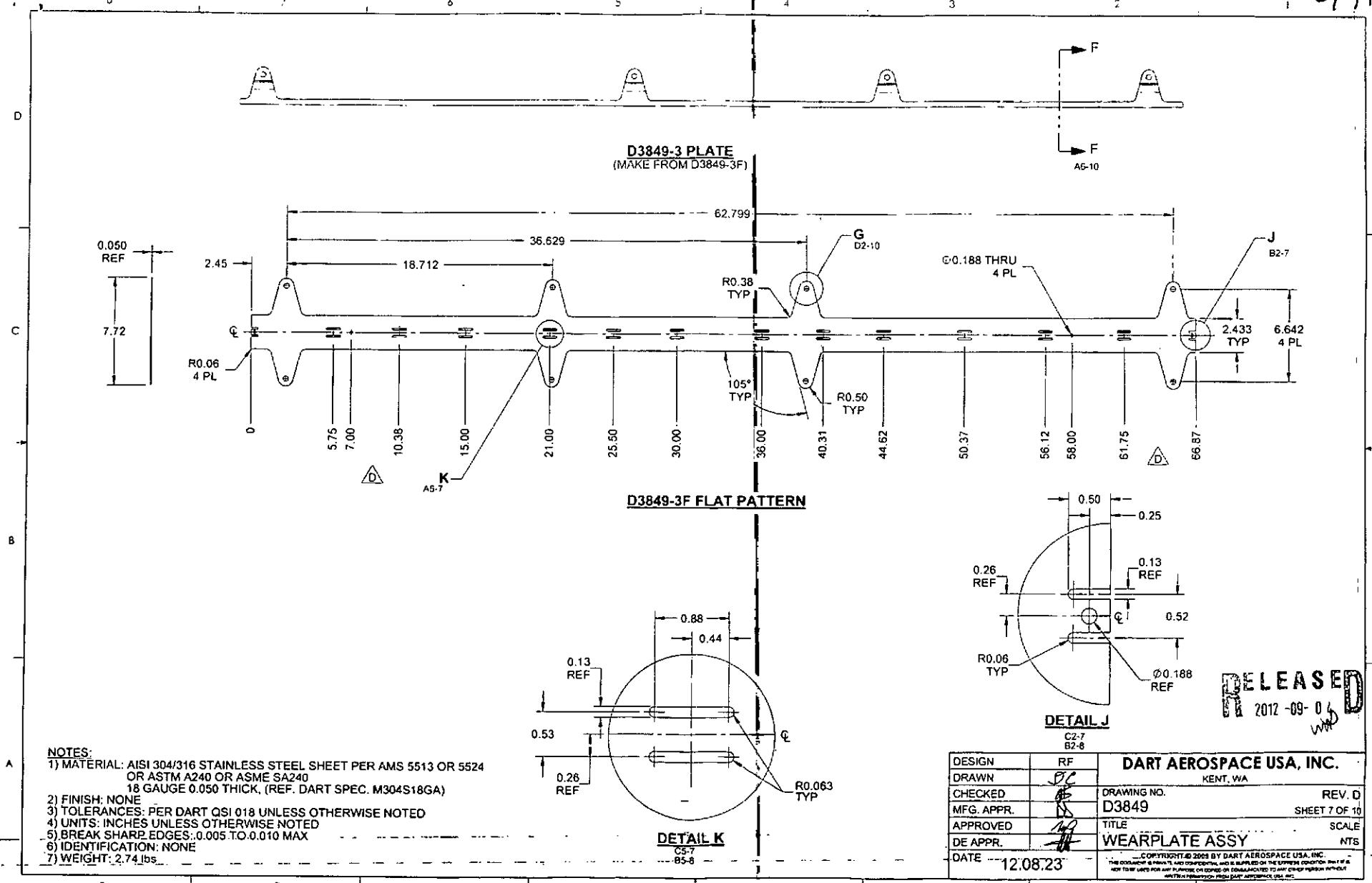
DESIGN	RF	DART AEROSPACE USA, INC.
DRAWN	PC	KENT, WA
CHECKED	PC	DRAWING NO.
		REV. D
MFG. APPR.	NA	D3849
APPROVED	MM	SHEET 6 OF 10
DE APPR.	MM	TITLE
DATE	12.08.23	WEARPLATE ASSY
		SCALE
		NTS

COPYRIGHT © 2008 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED, COPIED, OR PLACED IN THE POSSESSION OF OTHERS, OR OTHERWISE DISCLOSED IN WHOLE OR
IN PART, WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE USA, INC.RELEASE
2012-09-04



99152

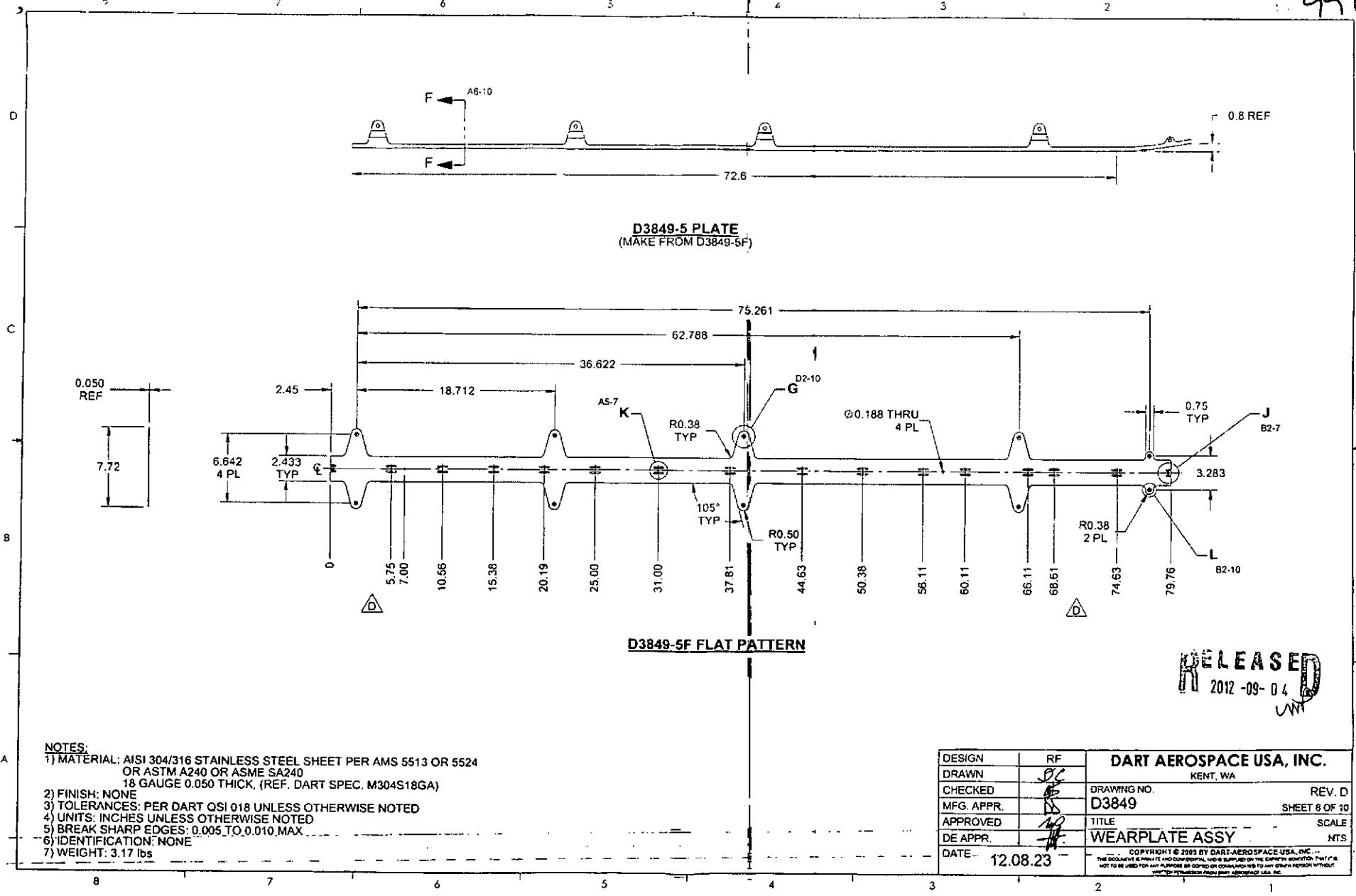


NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524
OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK. (REF. DART SPEC. M304S18GA)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES .005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 2.74 lbs.

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	<u>PC</u>	KENT, WA	
CHECKED	<u>AB</u>	DRAWING NO.	REV. D
MFG. APPR.	<u>DS</u>	D3849	SHEET 7 OF 10
APPROVED	<u>AB</u>	TITLE	SCALE
DE APPR.	<u>AB</u>	WEARPLATE ASSY	
DATE	12/08/23	©COPYRIGHTED 2008 BY DART AEROSPACE USA, INC. THE DOCUMENT CONTAINED HEREIN IS THE PROPERTY OF DART AEROSPACE USA, INC. NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED BY ANY OTHER PERSON WITHOUT	

© COPYRIGHT 2005 BY DART AEROSPACE USA, INC.
RIGHT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION
NOT USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON

99152





99152

0.3 REF

R38.5

49.51

D3849-7 PLATE
(MAKE FROM D3849-7F)

0.050 REF

7.88

51.313

36.000

R0.38
TYP

H

R0.10

G

R0.38
TYP

H

G

54.26

49.27

43.51

41.50

40.00

34.00

29.00

23.00

18.69

14.38

10.06

7.00

6.75

0

D3849-7F FLAT PATTERN

RELEASED
2012-09-04

NOTES:

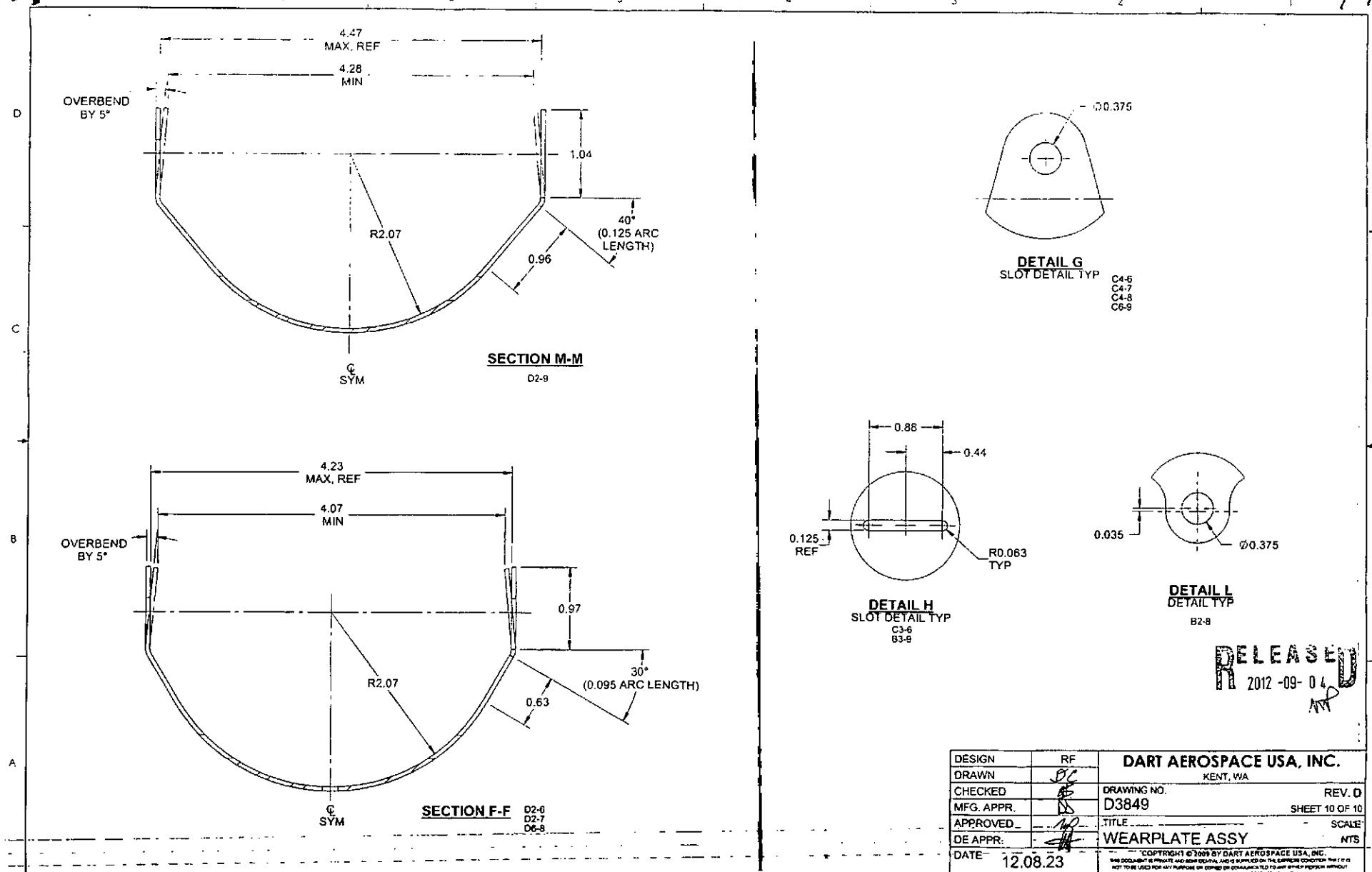
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524
OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX.
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 2.32 lbs

DESIGN	RF	DART AEROSPACE USA, INC.
DRAWN	PC	KENT, WA
CHECKED	AB	REV. D
MFG. APPR.	NA	DRAWING NO. D3849
APPROVED	AB	SHEET 9 OF 10
DE APPR.	AB	TITLE WEARPLATE ASSY
DATE	12.08.23	SCALE NTS

COPYRIGHT © 2009 BY DART AEROSPACE USA, INC.
ALL DOCUMENTS CONTAINED HEREIN ARE THE PROPERTY OF DART AEROSPACE USA, INC.
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.



99152



DESIGN	RF	DART AEROSPACE USA, INC.
DRAWN	PC	KENT, WA
CHECKED	AS	REV. D
MFG. APPR.	DS	SHEET 10 OF 10
APPROVED	AP	
DE APPR.	MM	SCALE
DATE	12.08.23	NTS

©2009 DART AEROSPACE USA, INC.
THIS DOCUMENT IS PROPRIETARY AND NOT FOR RELEASE OR REPRODUCTION. IT IS THE PROPERTY OF DART AEROSPACE USA, INC. IT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THE ORIGINAL INTENDED PURPOSE.

